

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"7442302"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/14 09:26
L2	4	"2003009926"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/14 09:35
L8	10	"210"/\$.CQLS. AND POLYSULFONE AND HOLLOW ADJ (FIBER FILAMENT YARN THREAD) AND (pvp POLYVINYLPIRROLIDONE) SAME OUTER ADJ SURFACE WITH (CONCENTRATION RATIO CONTENT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/14 09:41
L9	29	"210"/\$.CQLS. AND POLYSULFONE AND HOLLOW ADJ (FIBER FILAMENT YARN THREAD) AND (pvp POLYVINYLPIRROLIDONE) SAME SURFACE WITH (CONCENTRATION RATIO CONTENT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/14 09:44
S1	2	"0997182"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/01/26 12:18
S2	13	"997182"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/01/26 12:21
S3	11	"6432309"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/01/26 12:48
S4	10	"6432309"	US-PGPUB; USPAT	OR	OFF	2010/01/26 12:49
S5	1	"20070114167"	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:10
S6	589	polysulfone with hollow with membrane	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:17
S7	15	S6 and (((external or outer) with surface) same polyvinyl\$1pyrrolidone)	US-PGPUB; USPAT	OR	OFF	2010/01/26 13:18
S8	1	"20070187320"	US-PGPUB; USPAT	OR	OFF	2010/04/28 12:51
S9	4072	polysulfone with membrane	US-PGPUB; USPAT	OR	OFF	2010/04/28 14:02
S10	65	S9 and (((external or outer or upper\$4) with (surface or layer)) same (polyvinyl\$1pyrrolidone or PVP))	US-PGPUB; USPAT	OR	OFF	2010/04/28 14:05

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S11	196	(PVP or polyvinylpyrrolidone or polyvinyl near2 (pyrrolidone or pyrrolidone)) with (outer near2 (surface or layer))	US-PGPUB; USPAT	OR	OFF	2010/04/28 15:00
S12	25	S11 and (polysulfone with membrane)	US-PGPUB; USPAT	OR	OFF	2010/04/28 15:00
S13	30	"254222"	US-PGPUB; USPAT; JPO	OR	OFF	2010/04/29 09:52
S14	57	"254222"	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/04/29 09:52
S15	4	saruhashi and endotoxin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 08:46
S16	3	"6478960"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/08/31 08:48
S17	1441	polysulfone and (PVP or polyvinylpyrrolidone)	US-PGPUB; USPAT	OR	OFF	2010/11/29 13:01
S18	396	S17 and (hollow near2 (fiber or fibre))	US-PGPUB; USPAT	OR	ON	2010/11/29 13:02
S19	23	((PVP or polyvinylpyrrolidone) with polysulfone with ratio) and hollow near2 fiber	US-PGPUB; USPAT	OR	ON	2010/11/29 13:05
S20	2	((PVP or polyvinylpyrrolidone) with polysulfone with ratio with mass) and hollow near2 fiber	US-PGPUB; USPAT	OR	ON	2010/11/29 13:05
S21	12	("20050063859"   "20060205309"   "20070114167"   "20070187320"   "20080000830"   "20080067122"   "20080087599"   "20080142434"   "5340480"   "5436068"   "6432309"   "7442302").PN. OR ("7837042").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/29 13:10
S22	12	S21 and (polysulfone and (PVP or polyvinylpyrrolidone))	US-PGPUB; USPAT	OR	OFF	2010/11/29 13:10
S23	5	S22 and (mass with ratio)	US-PGPUB; USPAT	OR	OFF	2010/11/29 13:10
S24	173	S18 and ("% " with (mass or weight))	US-PGPUB; USPAT	OR	OFF	2010/11/29 13:16
S25	51	S18 and ("% " with (mass or weight) with (PVP or polyvinylpyrrolidone or hydrophilic near2 polymer))	US-PGPUB; USPAT	OR	OFF	2010/11/29 13:17
S26	4364	polysulfone and (PVP or polyvinylpyrrolidone or (hydrophilic with polymer))	US-PGPUB; USPAT	OR	OFF	2010/11/29 14:00
S27	842	S26 and (hollow near2 (fiber or fibre))	US-PGPUB; USPAT	OR	ON	2010/11/29 14:00

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S28	59	S27 and ("%" with (mass or weight) with (PVP or polyvinylpyrrolidone or hydrophilic near2 polymer))	US-PGPUB; USPAT	OR	OFF	2010/11/29 14:00
S29	329	S26 and ((PVP or polyvinylpyrrolidone with cross\$1link\$3)	US-PGPUB; USPAT	OR	ON	2010/11/29 14:01
S30	18	"6103117"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 09:30
S31	2	"20070187320"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 09:46
S32	3874	(polysulfone and (PVP or polyvinyl near2 pyrrolidone))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 10:04
S33	19824	(PVP or polyvinyl near2 pyrrolidone) same ((mass near2 "%") or (by weight))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 10:05
S34	931	S32 and ((PVP or polyvinyl near2 pyrrolidone) same ((mass near2 "%") or (by weight)))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 10:06
S35	265	S34 and (hollow with (fiber or fibre))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/12/10 10:06
S36	146	S35 and (polysulfone same (PVP or polyvinyl near2 pyrrolidone))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 10:06
S37	26	S35 and (polysulfone same (PVP or polyvinyl near2 pyrrolidone) same ((weight or mass) near3 "%"))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 10:07
S38	96	(PVP or polyvinyl\$1pyrrolidone) with outer with surface	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 12:58
S39	28	S38 and (hollow with (fiber or fibre))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/12/10 12:58
S40	34	"5340480"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/12/10 13:05

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S41	723	(PVP or polyvinylpyrrolidone) with skin	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 13:11
S42	28	(PVP or polyvinylpyrrolidone) with skin with ("% or mass)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/12/10 13:11

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S43	3367	210/321.88,321.89,500.41.ccls. or 264/41.ccls. or 427/244.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/12/10 13:18
S44	23	S43 and (polysulfone and ((PVP or polyvinylpyrrolidone) with content))	US-PGPUB; USPAT; UPAD	OR	OFF	2010/12/10 13:19